

Form PTO-1318 (REV. 7-98)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SPO-112	SERIAL NO. 09/762,842
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S): Akira Murasugi, Yukio Asami, Isao Kido, Hideshi Kumai	
		FILING DATE February 12, 2001	GROUP ART UNIT not yet assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
✓	AA 6 0 8 3 9 0 7	7/4/00	Uchida et al.			2/17/05
	AB					
	AC					
	AD					
	AE					
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	AH						
	AI						
	AJ						
	AK						
	AL						

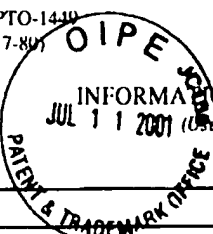
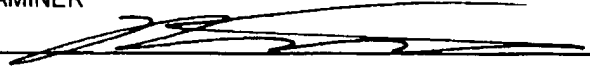
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	AM	Kurjan, Janet and Ira Herskowitz (October 1982) "Structure of a Yeast Pheromone Gene (MF $\alpha$ ): A Putative $\alpha$ -Factor Precursor Contains Four Tandem Copies of Mature $\alpha$ -Factor" <i>Cell</i> 30:933-943.
	AN	Winther, Jakob R. and Poul Sorensen (October 1991) "Propeptide of carboxypeptidase Y provides a chaperone-like function as well as inhibition of the enzymatic activity" <i>Proc. natl. Acad. Sci. USA</i> 88:9330-9334.
	AO	Cramer, Jane Harris, Kristi Lea, Michael D. Schaber, Richard A. Kramer (January 1987) "Signal Peptide Specificity in Posttranslational Processing of the Plant Protein Phaseolin in <i>Saccharomyces cerevisiae</i> " <i>Molecular and Cellular Biology</i> 7(1):121-128.
	AP	Clare, J.J., F.B. Rayment, S.P. Ballantine, K. Sreekrishna, M.A. Romanos (May 1991) "High-level Expression of Tetanus Toxin Fragment C in <i>Pichia Pastoris</i> Strains Containing Multiple Tandem Integrations of the Gene" <i>Bio/Technology</i> 9:455-460.
	AQ	Hinnen, Albert, James B. Hicks, and Gerald R. Fink (April 1978) "Transformation of yeast" <i>proc. Natl. Acad. Sci. USA</i> 75(4):1929-1933.
	AR	Cregg, James M., Thomas S. Vedvick, William C. Raschke (August 1993) "Recent Advances in the Expression of Foreign Genes in <i>Pichia pastoris</i> " <i>Bio/Technology</i> 11:905-910.
✓	AS	Tomomura, Mineko, Kenji Kadomatsu, Shyuichiro Matsubara, Takashi Muramatsu (June 1990) "A Retinoic Acid-responsive Gene, MK, Found in the Teratocarcinoma System" <i>The Journal of Biological Chemistry</i> 265(18):10765-10770.

EXAMINER 	DATE CONSIDERED 1/29/03
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

 2/17/05

Form PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. SPO-112		SERIAL NO. 09/762,842	
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CR	AM	Kadomatsu, Kenji, Mineko Tomomura and Takashi Muramatsu (March 30, 1988) "cDNA Cloning and Sequencing of a New Gene Intensely Expressed in Early Differentiation Stages of Embryonal Carcinoma Cells and In Mid-Gestation Period of Mouse Embryogenesis" <i>Biochemical and Biophysical Research Communications</i> 151(3):1312-1318.					
	AN	Li, Yue-Sheng, Peter G. Milner, Anil K. Chauhan, Mark A. Watson, Ruth M. Hoffman, Charles M. Kodner, Jeffrey Milbrandt, Thomas F. Deuel (December 1990) "Cloning and Expression of a Developmentally Regulated Protein That Induces Mitogenic and Neurite Outgrowth Activity" <i>Science</i> 250:1690-1694. X					
	AO	Becker, Daniel M. and Leonard Guarente (1991) "High-Efficiency Transformation of yeast by Electroporation" <i>Methods in Enzymology</i> 194:182-187.					
	AP	Merenmies, Jussi and Heikki Rauvala (October 1990) "Molecular Cloning of the 18-kDa Growth-associated Protein of Developing Brain" <i>The Journal of Biological Chemistry</i> 265(28):16721-16724.					
	AQ	Ito, Hisao, Yasuki Fukuda, Kousaku Murata, Akira Kimura (January 1983) "Transformation of Intact Yeast Cells Treated with Alkali Cations" <i>Journal of Bacteriology</i> 153(1):163-168.					
	AR	Yokota, Chika, Shuji Takahashi, Akira Eisaki <i>et al.</i> (1998) "Midkine Counteracts the Activin Signal in Mesoderm Induction and Promotes Neural Formation" <i>J. Biochem</i> 123(2):339-346.					
✓	AS	Kojima, Soichi, Hisako Muramatsu, Hiroshi Amanuma, Takashi Muramatsu (April 1995) "Midkine Enhances Fibrinolytic Activity of Bovine Endothelial Cells" <i>The Journal of Biological Chemistry</i> 270(16):9590-9596.					
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## INFORMATION DISCLOSURE STATEMENT

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CQ	AM	Iwasaki, Wakana, Koji Nagata, Kideki Hatanaka <i>et al.</i> (1997) "Solution structure of midkine, a new heparin-binding growth factor" <i>The EMBO Journal</i> 16(23):6936-6946.
	AN	Kadomatsu, K., M. Hagihara, S. Akhter, Q-W Fan, H. Muramatsu and T. Muramatsu (1997) "Midkine induces the transformation of NIH3T3 Cells" <i>British Journal of Cancer</i> 75(3):354-359.
	AO	Wren, Kristine M., John T. Potts, Jr., and Henry M. Kronenberg (December 1988) "Importance of the Propeptide Sequence of Human Preproparathyroid Hormone for Signal Sequence Function" <i>The Journal of Biological Chemistry</i> 263(36):19771-19777.
	AP	Muramatsu, Hisako, Hiroshi Hamada, Shigetsugu Noguchi, Yuko Kamada and Takashi Muramatsu (1985) "Cell-surface Changes During <i>in Vitro</i> Differentiation of Pluripotent Embryonal Carcinoma Cells" <i>Developmental Biology</i> 110:284-296.
	AQ	Weissman, Jonathan S. and Peter S. Kim (November 1992) "The Pro Region of BPTI Facilitates Folding" <i>Cell</i> 71:841-851.
	AR	Chen, Yee-Hsiung, Jen Tsi Yang, Hugo M. Martinez (1972) "Determination of the Secondary Structures of Proteins by Circular Dichroism and Optical Rotatory Dispersion" <i>Biochemistry</i> 11(22):4120-4131.
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